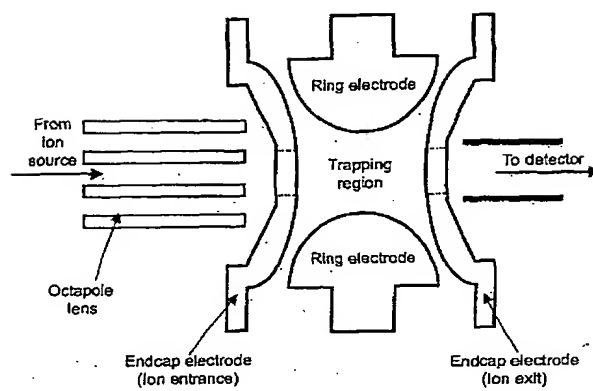


FIGURE 1



(PRIOR ART)

Figure 2

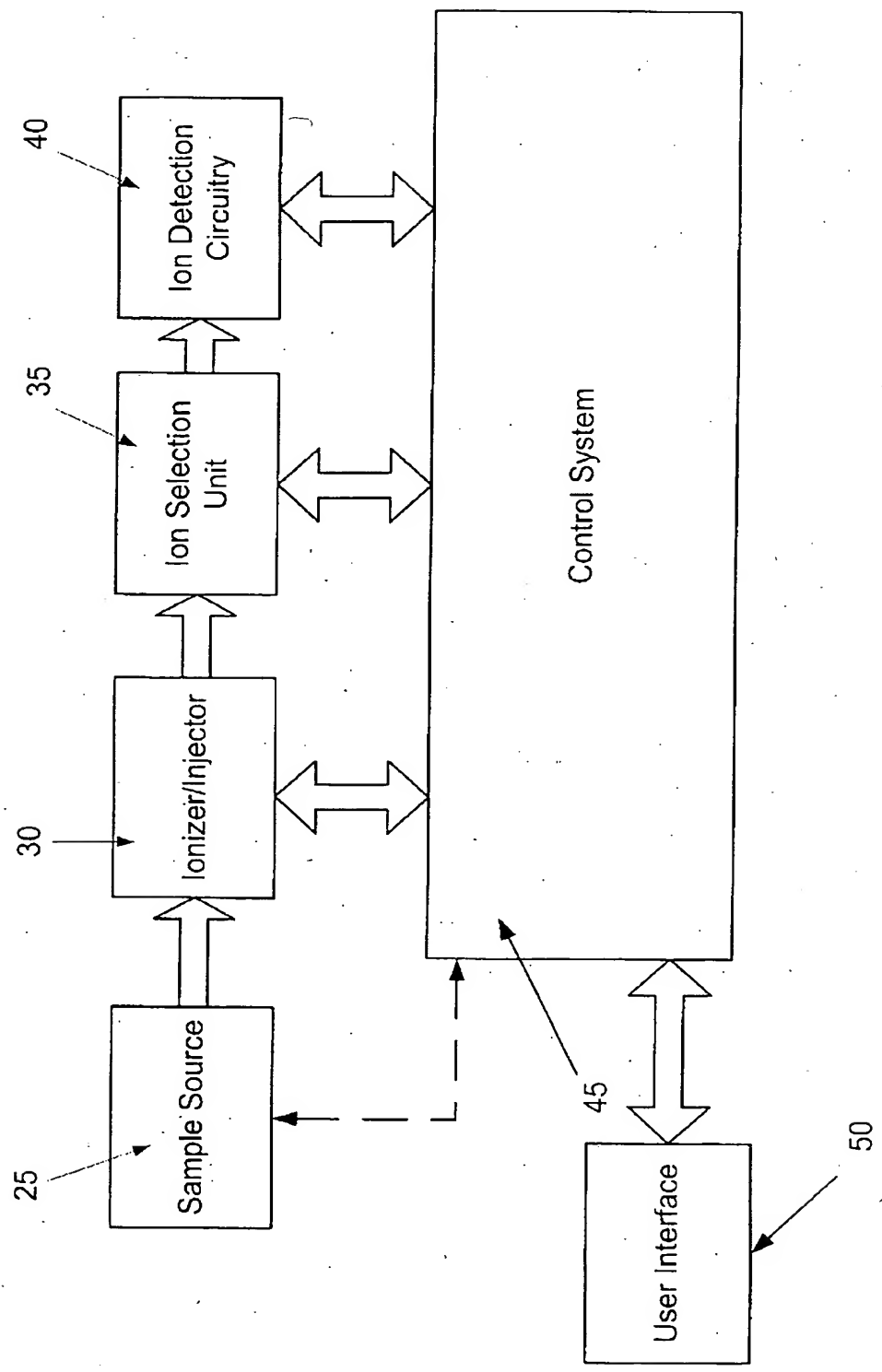
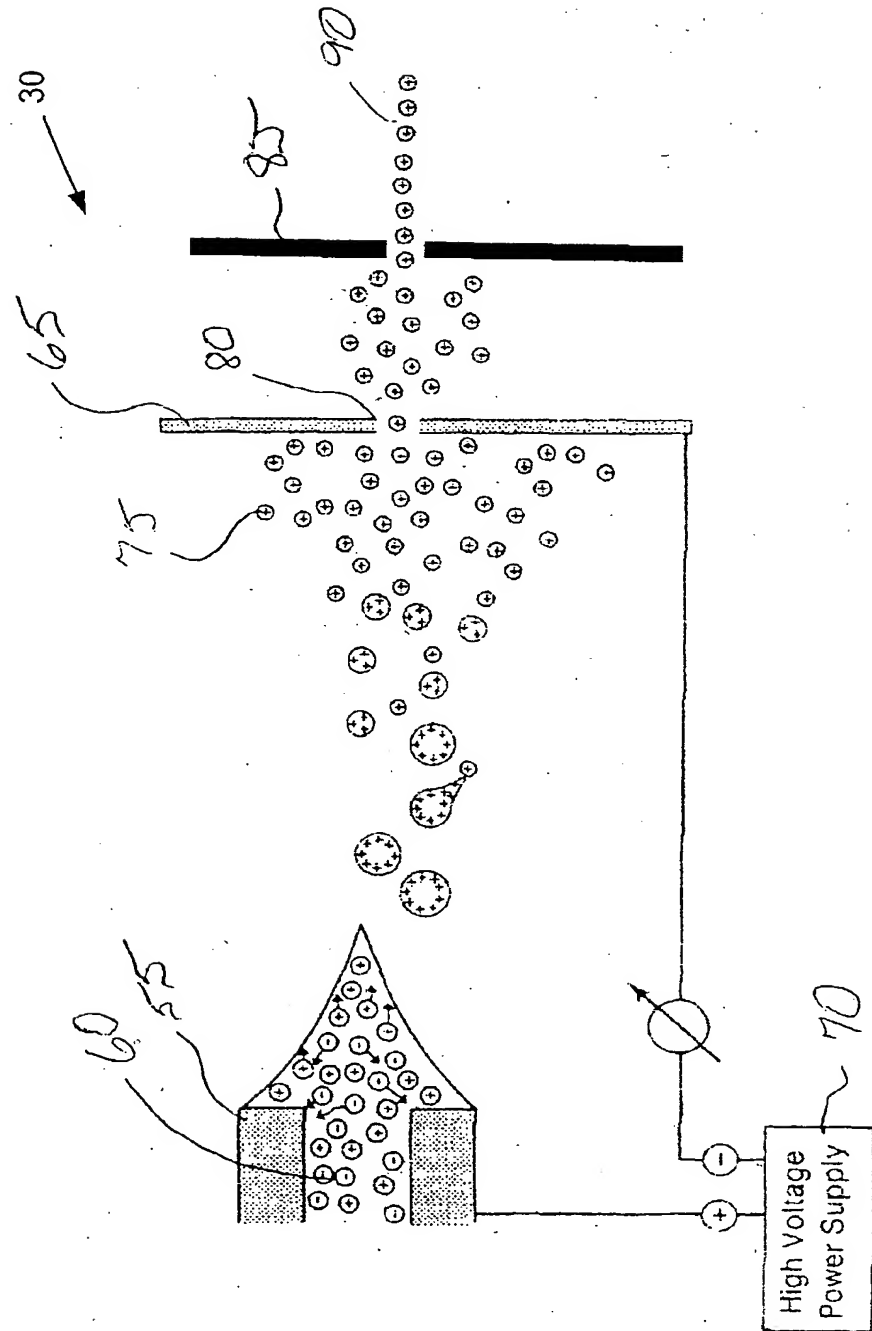


Figure 3
(Prior Art)



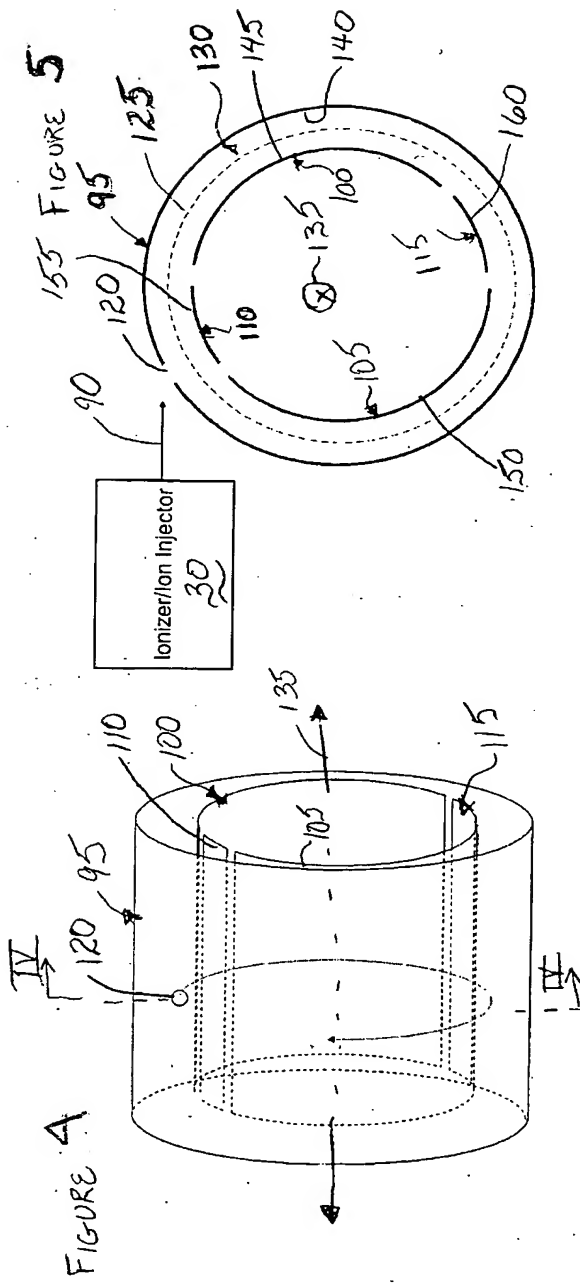


FIGURE 8

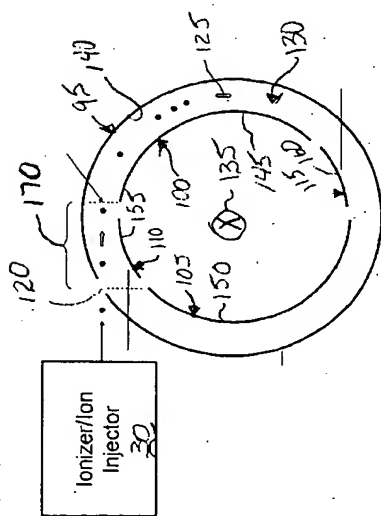


FIGURE 9

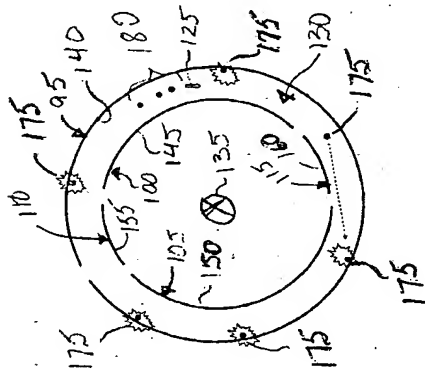


FIGURE 10

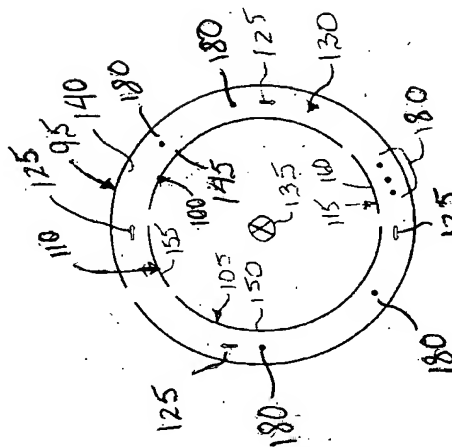
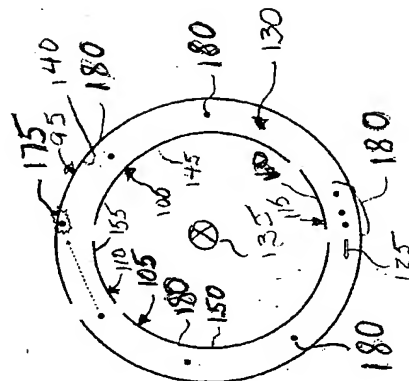


FIGURE 11

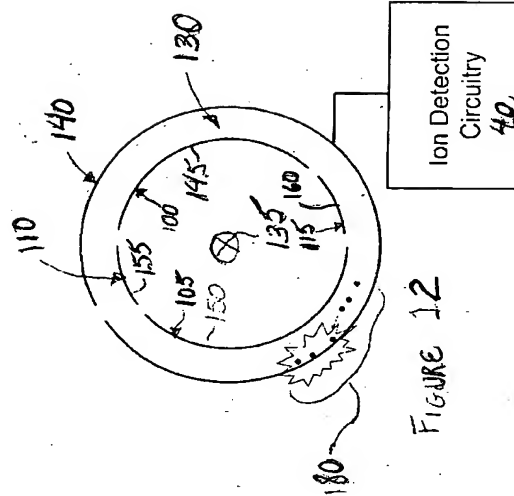


FIGURE 12

Ion Detection
Circuitry
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